

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A system for accessing data, the system stored on computer storage medium, the system comprising:
 - a parser to retrieve and parse information associated with a data source;
 - a data document component to receive at least a portion of the parsed information, the data document component having a hierarchical representation of the at least a portion of the parsed information associated with the data source; and
 - a data set component to receive the at least a portion of the parsed information, the data set component having a relational representation of the at least a portion of the parsed information associated with the data source;the data set component and the data document component being mapped to each other to facilitate accessing the at least a portion of the parsed information in either representation, changing the at least a portion of the parsed information in the representation accessed and synchronizing these changes in the other representation.
2. (Currently Amended) The system of claim 1, the data source being ~~at least one of an XML document and a relational database document~~.
- 3-7. (Canceled).
8. (Currently Amended) A system stored on computer storage medium, the system facilitating access to data, comprising:
 - an XML data document component having a hierarchical representation of information associated with an XML source document; and

a data set component having a relational representation of at least some of the information associated with the XML source document,

wherein the system is configured to facilitate accessing and changing information in the XML data document component and reflecting these changes in the data set component according to a mapping between the XML data document component and the data set component.

9. (Canceled).

10. (Currently Amended) The system of claim 8, further comprising an XML parser configured to ~~for~~ retriev[[ing]]e information from the XML source document, ~~the parser and to send~~ the information ~~associated with the XML source document~~ to the XML data document component and the data set component.

11-26. (Canceled).

27. (Currently Amended) A computer storage medium having computer executable components for accessing data, comprising:

a data document component configured to store hierarchically represented source document information;

a data set component configured to store relationally represented source document information; and

a component configured to facilitate synchronizing one or more changes made to the relationally represented source document information ~~mapped to~~ with the hierarchically represented source document information[[,]]

~~the hierarchically represented source document information parsed from an XML source document and stored in an XML data document component associated with the XML source document; and~~

~~the relationally represented source document information parsed from the XML source document and stored in a data set component associated with the XML source document.~~

28-29. (Canceled).

30. (Currently Amended) The system of claim 1, the data set component having a structural inference component configured to infer a relational structure of the data source.

31. (Currently Amended) The system of claim 1, the data set component having a schema component configured to receive a schema describing a relational structure of the data source.

32. (Currently Amended) The system of claim 10, the data set component further comprising a structural inference component configured to infer a relational structure of the XML source document.

33. (Currently Amended) The system of claim 10, the data set component further comprising a schema component configured to receive a schema describing a relational structure of the XML source document.

34. (New) Computer-executable instructions for performing a method of accessing data, the computer-executable instructions stored on one or more computer-readable media, the method comprising;

- parsing information associated with a data source;
- mapping a hierarchical representation of at least some of the parsed information and a relational representation of at least some of the parsed information to each other;
- and

- synchronizing changes made to the hierarchical representation of the least some of the parsed information with the relational representation of the at least some of the parsed information.

35. (New) A system for accessing data, the system stored on one or more computer-readable media, the system comprising;

means for parsing information associated with a data source;

means for mapping a hierarchical representation of at least some of the parsed information and a relational representation of at least some of the parsed information to each other; and

means for synchronizing changes made to the hierarchical representation of the at least some of the parsed information with the relational representation of the at least some of the parsed information.